

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Forestry and Wildlife
Honolulu, Hawaii 96813

February 23, 2007

Chairperson and Members
Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

Land Board Members:

SUBJECT: Request for Approval of the Placement of Hazard and Management Signs on Improved Public Lands: Manoa Falls Trail, Honolulu, Oahu and at Kealahou Bay State Historical Park, Hawaii, Pursuant to Act 82, Session Laws Hawaii, 2003

As discussed at the February 9th, 2007 Board meeting for the approval of the design of signage, this is a follow-up submittal for the review and approval of the placement of signs for two managed areas. Staff has selected two priority locations and have prepared two maps for your review and approval that delineate the placement of the warranted signage. This method will be used for determining the placement of warranted signage for future Board approval pursuant to Chapter 8, Hawaii Administrative Rules (HAR).

Sign Placement Criteria

Pursuant to Chapter 8, HAR, the following guidelines have been used for determination of the placement of signage:

§13-8-9 Public use and exposure. (a) Traffic patterns and managed access points of people accessing the improved public lands shall be considered when placing signs. (b) The type, frequency, and location of incidents or potential public exposure relating to specific dangerous natural conditions when known on the improved public lands shall be considered when placing signs.

§13-8-10 Placement. Sign(s) shall be placed at or near access points; i.e., along vehicle and pedestrian traffic corridors in clearly visible locations placed as close as possible to the potentially dangerous natural conditions on improved public lands and at managed and designated entrances where the signs will be seen as users enter improved public lands. View sheds, aesthetics, and feasibility of installation shall be considered in the placement of the signs. Signs shall be installed with consideration for the average adult line of sight but outside of the general path of travel to avoid physical contact with the signs. Signs may be attached to posts or by any other method of installation depending on the nature of the location and terrain.

RECOMMENDATION:

That the Board:

1. Approve the placement of the signs at Manoa Falls Trail and Kealakekua Bay State Historical Park as depicted on the maps in Exhibits 1 and 2.

Respectfully submitted,

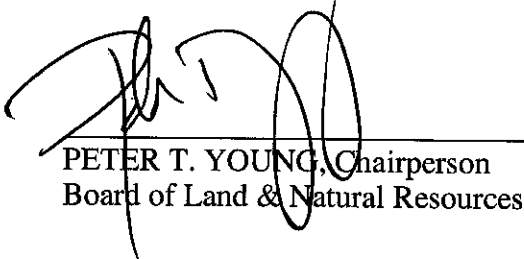


PAUL J. CONRY
Administrator

Attachments:

- Exhibit 1: Map depicting the placement of signs at Manoa Falls Trail.
Exhibit 2: Map depicting the placement of signs at Kealakekua Bay State Historical Park.
Exhibit 3: Codes for Entrance, Site-Specific and Management signs

APPROVED FOR SUBMITTAL:



PETER T. YOUNG, Chairperson
Board of Land & Natural Resources

Exhibit 1

DLNR Division: DOFAW

Island: Oahu

Trail Name: Manoa Falls

Exposure to natural conditions: Stream crossings, falling rocks

Entrance Hazard Signs:

Station: OA00001

Warning-Falling Rocks

(WFRE)

Warning – Flash Floods

(WFFE)

Site Specific Hazard Signs:

Station: OA00002

Warning – Flash Floods

(WFFS)

Station: OA00003

Danger-Falling Rocks

(DFRS)

Site Specific Management

Signs:

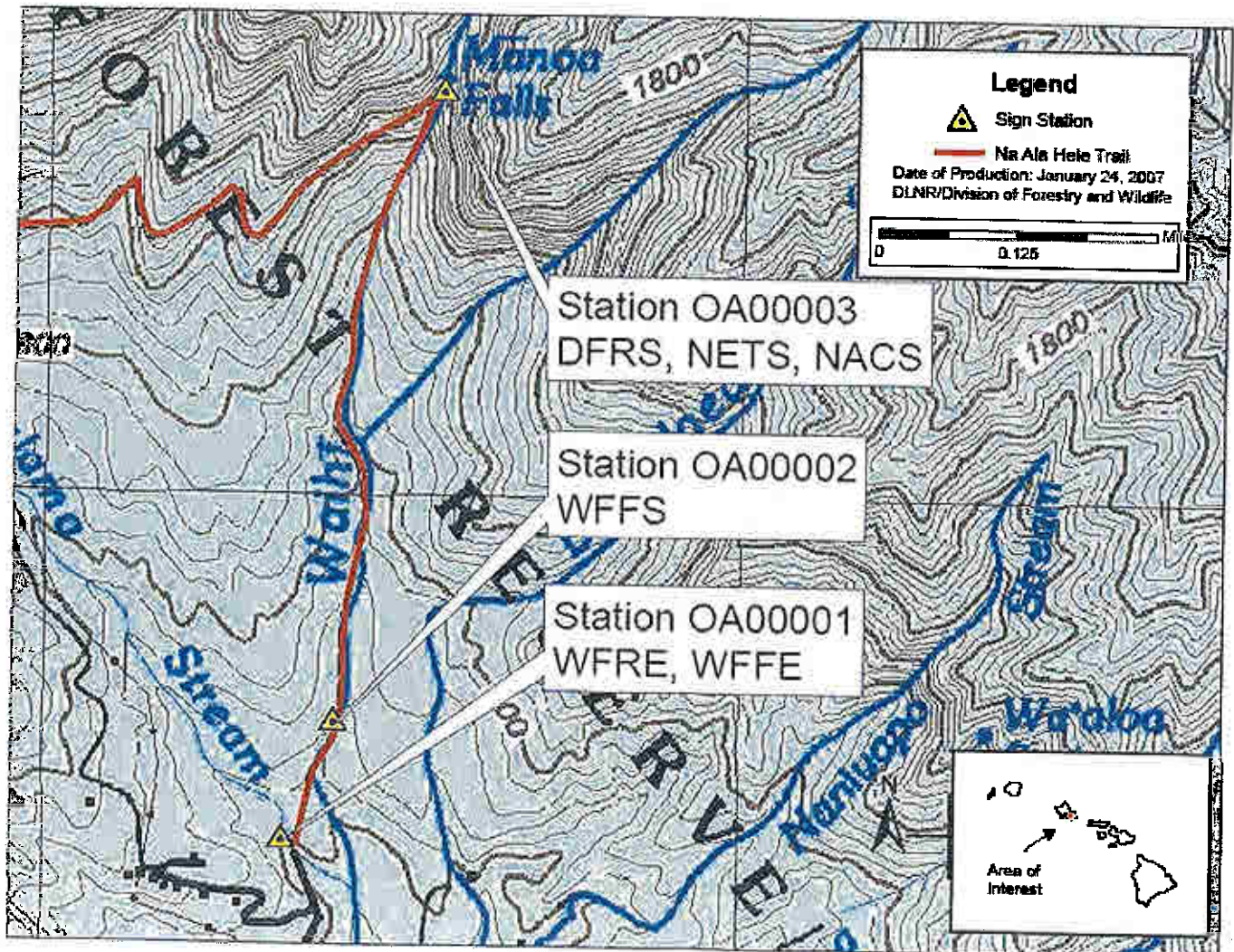
End of Trail

(NETS)

Station: OA00003

Area Closed

(NACS)



DLNR Division: State Parks

Island: Hawaii

**Park: Kealakekua Bay
State Historical Park**

Exposure to natural conditions: Falling rocks

Entrance Hazard Signs:

Station: HA00001

Warning-Falling Rocks

(WFRE)

Site Specific Hazard Signs:

Station: HA00002

Warning-Falling Rocks

(WFRS)

Station: HA00003

Warning-Falling Rocks

(WFRS)

Station: HA00004

Danger-Falling Rocks

(DFRS)

Station: HA00005

Danger-Falling Rocks

(DFRS)

Station: HA00006

Danger-Falling Rocks

(DFRS)

Station: HA00007

Danger-Falling Rocks

(DFRS)

Station: HA00008

Danger-Falling Rocks

(DFRS)

Station: HA00009

Danger-Falling Rocks

(DFRS)

Station: HA000010

Danger-Falling Rocks

(DFRS)

Station: HA000011

Danger-Falling Rocks

(DFRS)

Station: HA000012

Danger-Falling Rocks

(DFRS)

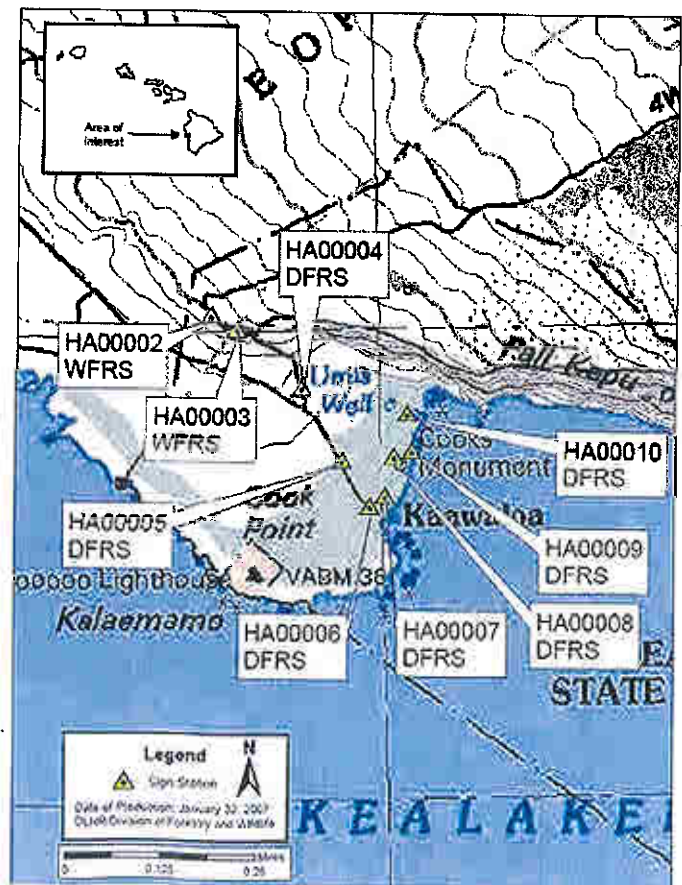
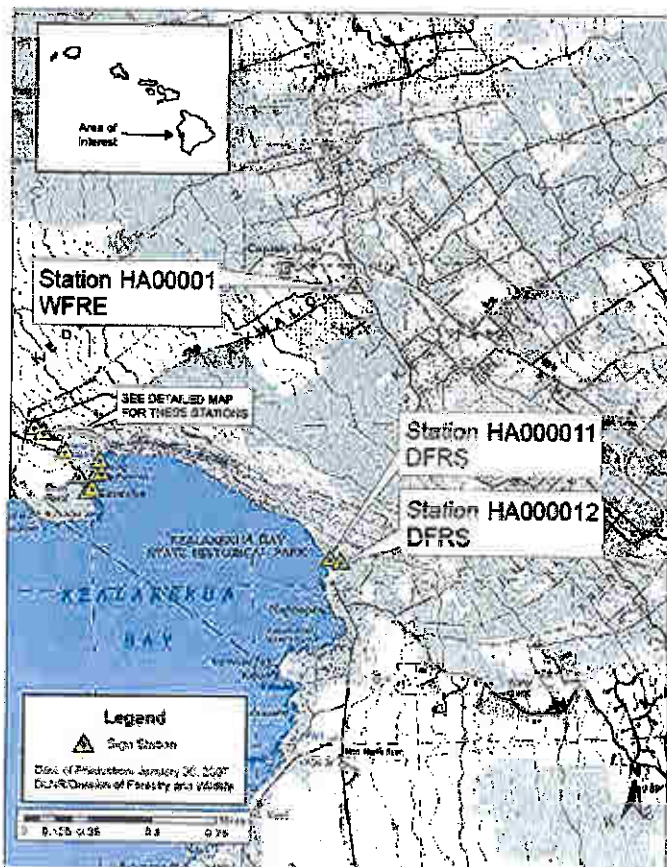


Exhibit 3

Entrance Hazard Sign Codes



WFRE



WHCE

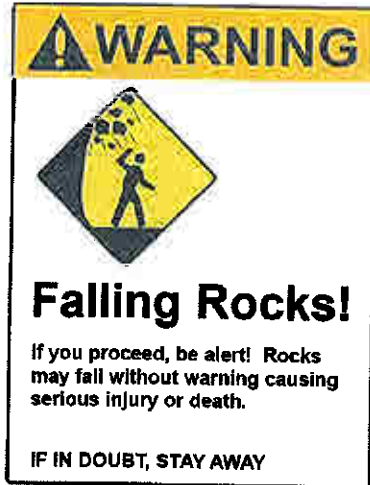


WFFE



DNDE

Site-Specific Hazard Sign Codes



WFRS



WHCS



WFFS



DFRS



DNDS



DFFS

Site-Specific Management Sign Codes



NETS



NERS



NACS



CEMS